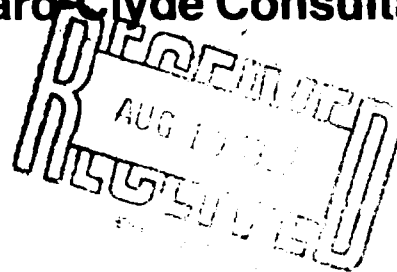


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3 2 1375
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August 8, 1992

Ms. Cheryl Walker Smith
Senior Remedial Project Manager
United States Environmental Protection Agency
345 Courtland Street Northeast
Atlanta, Georgia 30365

3723

Re: Macroinvertebrate Control Sample Location
Phase III Sampling
RI/FS for McIntosh Plant Site
Olin Chemicals
McIntosh, Alabama
WCC File 90B449C
Document Control Number WCC-312

Dear Ms. Smith:

At the request of Mr. Jim Brown of Olin, we are notifying you of the area from which we plan to collect a macroinvertebrate control sample and background sediment samples during the Phase III sampling.

We discussed in our meeting on July 30, 1992 the need for a control area for the macroinvertebrate study. During the week of August 3, 1991, Woodward-Clyde Consultants conducted a review of aerial photographs and topographic maps for the area between McIntosh and the Coffeerville Dam to identify potential control areas. We then flew over these potential areas in an airplane.

Based on the above activities, we identified Hatchetigbee Lake as an area that appeared to be most comparable to the basin. Hatchetigbee Lake is located at about River Mile 107, approximately 45 miles upriver from the basin. Figure 1 shows the location of Hatchetigbee Lake. A photograph taken during the fly over is also attached.

We conducted a site visit of Hatchetigbee Lake on August 5, 1992. Similar to the basin, the lake is located within the Tombigbee River flood plain, adjacent to a bluff that extends about 30 to 50 feet above the flood plain. An area resident indicated to us that Hatchetigbee Lake also experiences annual flooding from the Tombigbee River.

Probably the most distinct difference between the two areas is related to the annual flooding. Hatchetigbee Lake is situated at an elevation of approximately 25 ft msl, as compared to the basin, which is at about 3 feet msl. Consequently, the magnitude and



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Consultants**

duration of the flooding would be less for Hatchetigbee Lake than for the basin. The differences in the flooding will have to be considered when comparing the results of the basin samples to the control sample.

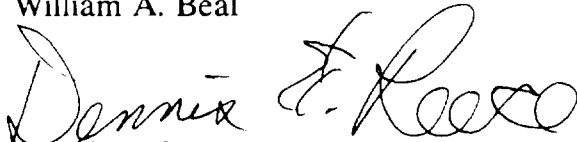
The macroinvertebrate sampling is scheduled to begin the week of August 24, 1992. We also plan to collect the background sample for TAL metals from Hatchetigbee Lake during that period. As we discussed in the July 30, 1992 meeting, more details regarding the macroinvertebrate sampling will be provided in an addendum to the Phase III SAP.

If you have any questions regarding these matters, please contact Mr. Jim Brown at 615-336-4308.

Very truly yours,



William A. Beal

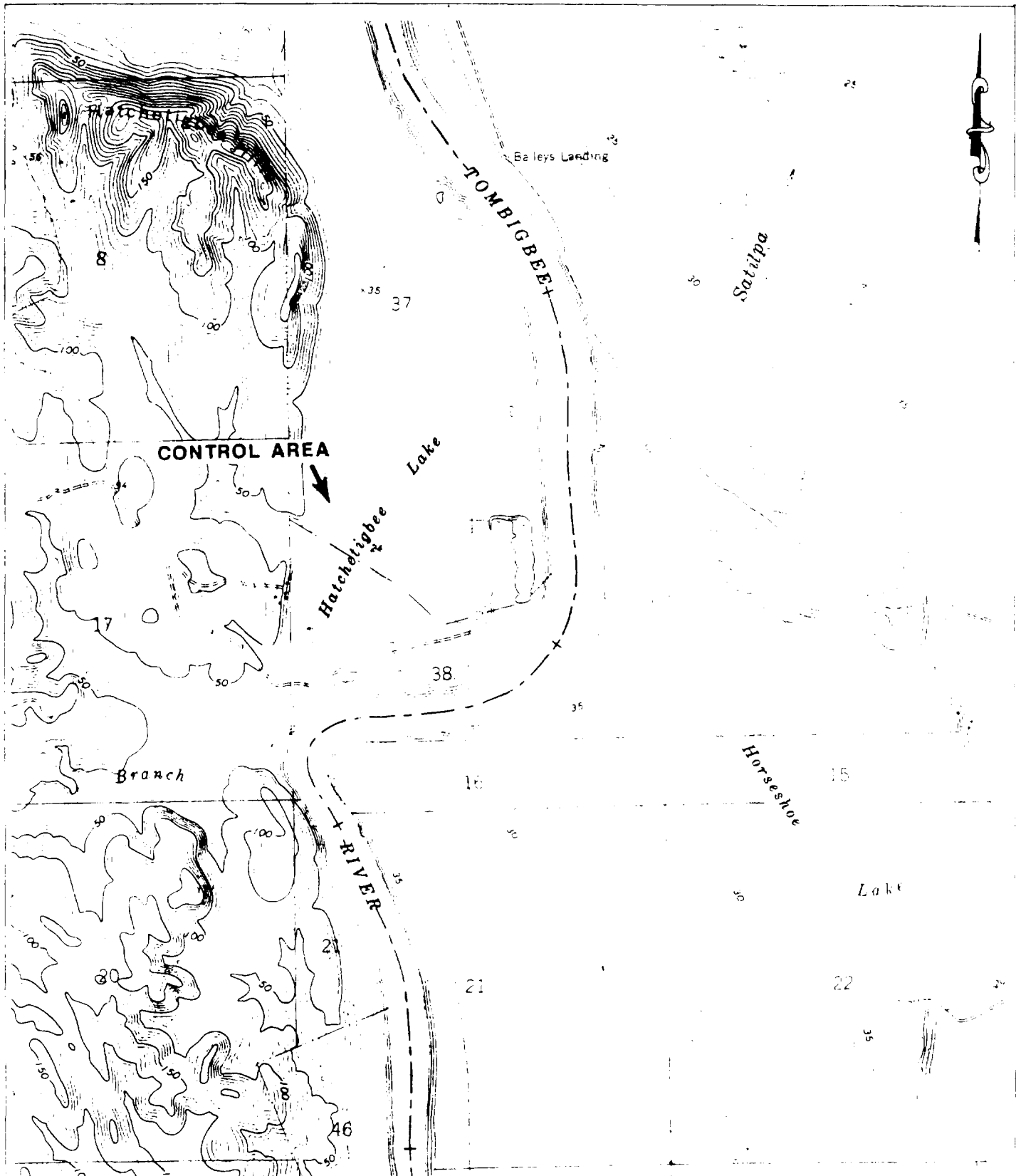

Dennis E. Reece

WAB:kdI
Attachment

cc: Mr. J.C. Brown
Mr. D. E. Cooper (2)
Ms. T. B. Odom
Mr. R. A. Pettigrew

90B449C-3F/CWSMITH.312 OLIN





REFERENCE: U.S.G.S. QUADRANGLE MAP "TATTLERSVILLE, ALA."
DATED 1972, AND PHOTOINSPECTED 1981.

<p>RI/FS McINTOSH PLANT SITE</p> <p>OIL CHEMICAL CORPORATION CHARLESTON, TENNESSEE</p>	<p>Woodward-Clyde Consultants Consulting Engineers, Geologists and Environmental Scientists Baton Rouge, Louisiana</p> <p>SCALE: 1:24,000</p> <p>DRAWN BY: JB CHKD. BY: JAB</p> <p>DATE: 8/7/92 DATE: 8/7/92</p>	<p>MACROINVERTEBRATE CONTROL AREA</p>	<p>FILE NO. 90B449C</p> <p>FIG. NO. 1</p>
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